

Date: Thursday, 4/12/2007 8:47:48 AM
User: Kim Johnston

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: FLOAT SKID LH 206L1,L3,L4&407
Job Number	: 31738		
Estimate Number	: 10307		
P.O. Number	: <i>N/A</i>	Part Number	: D206642511
This Issue	: 4/12/2007	Drawing Number	: D206-642 PG22-23
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <i>N/A</i>	Drawing Revision	: K
Previous Run	: 30967	Material	: <i>N/A</i>
Written By	: <i>[Signature]</i>	Due Date	: 5/10/2007
Checked & Approved By	: <i>[Signature]</i>	Qty:	1 Um: Each
Comment	Est Rev:B 05-09-23 Revised per D206-642 Rev. J KJ/JLM Est Rev:C 07-02-23 As per IIN D206-642 Rev K JLM		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D206-642-511CHG003

KJ 07-05-07 ①

2.0	31738A	FLOAT SKIDTUBE ASSEMBLY
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Comment: Sub-Component FLOAT SKIDTUBE ASSEMBLY

D206-642-541 B *31738 A*

2/5/24 SP

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

Pick Packing Kit

4.0	D206648013	GHW Kit
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
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1	D206-648-013	GHW Kit	<i>1330279</i>
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1	D206-642-541(REF)		
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X

5.0	D2652	Bushing
-----	-------	---------



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
-----	-------------	-------------	-------

16	D2652	Bushing	<i>1330816</i>
----	-------	---------	----------------

2/5/23 SP

X

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:47:49 AM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKID LH 206L1,L3,L4&407

Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

D2712

Set Screw



Comment: Qty.: 10.0000 Each(s)/Unit Total : 10.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

10 D2712

Set Screw

B27962 X

7.0

D29321

206 Saddle Left side



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D2932-1

Saddle

B31193 X

8.0

D29331

206 Saddle Left



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D2933-1

Saddle

B31115 X

9.0

D2934

Saddle Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D2934

Saddle Spacer

B30451 X

10.0

D2935

Saddle Spacer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D2935

Saddle Spacer

B30946 X

11.0

D29381

206 Saddle Left side



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D2938-1

Saddle

B28862 X

28862
29

7/5/23 sg

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKID LH 206L1,L3,L4&407

Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

12.0

D29391

206 Saddle Left side



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D2939-1

Saddle

1328922 ✓

13.0

D33963

Inventory



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D3396-3

Spacer

1326788 ✓

14.0

D3407043

Tow Ring



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D3407-043

Tow Ring

1328922 ✓

15.0

D34561

washer



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 D3456-1

Washer

1326946 ✓

16.0

D34571

Inventory



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 D3457-1

Washer

1324585 ✓

17.0

AN3C35A



Comment: Qty.: 3.0000 Each(s)/Unit Total : 3.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

3 AN3C35A

Bolt

1418918 ✓

2/5/23 sep

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Drawing Name: FLOAT SKID LH 206L1,L3,L4&407

Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

18.0

AN3C36A



Comment: Qty.: 9.0000 Each(s)/Unit Total : 9.0000 Each(s)

25 in a stock

Pick:

Qty Part Number

Description

Batch

9 AN3C36A

Bolt

M19349

X

19.0

AN3C41A



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

18 in a stock

Pick:

Qty Part Number

Description

Batch

8 AN3C41A

Bolt

M19349

X

20.0

AN4C6A



Comment: Qty.: 12.0000 Each(s)/Unit Total : 12.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

12 AN4C6A

Bolt

M102039

X

21.0

AN5C11A



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

8 AN5C11A

Bolt

M18185

X

22.0

AN5C12A



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

4 AN5C12A

Bolt

M18918

X

23.0

AN5C13A



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

4 AN5C13A

Bolt

M18918

X

7/5/23 SP

W/O:		WORK ORDER CHANGES					
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Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

24.0

AN5C15A

Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 AN5C15A

Bolt

①
M18779

①
M104229

25.0

AN5C32A



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 AN5C32A

Bolt

M18918 X

26.0

AN5C34A



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

2 AN5C34A

Bolt

M18918 X

27.0

AN5C35A



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

1 AN5C35A

Bolt

M18918 X

28.0

AN960C10L

washer



Comment: Qty.: 24.0000 Each(s)/Unit Total : 24.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

24 AN960C10L

Washer

M101692 X

29.0

AN960C416L

WASHER



Comment: Qty.: 24.0000 Each(s)/Unit Total : 24.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

24 AN960C416L

Washer

M103691 ✓ 7/5/03 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

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Drawing Name: FLOAT SKID LH 206L1,L3,L4&407

Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

30.0

AN960C516L

WASHER



Comment: Qty.: 8.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

8 AN960C516L

Washer

M10349 ✓

31.0

MS210433

Nut



Comment: Qty.: 20.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

20 MS21043-3

Nut

M103286 ✓

32.0

MS210434

Nut



Comment: Qty.: 13.0000 Each(s)/Unit Total : 13.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

13 MS21043-4

Nut

M102959 ✓

33.0

MS210435

Nut



Comment: Qty.: 4.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

4 MS21043-5Nut

M101418 ✓

34.0

NAS1515H3L

WASHER



Comment: Qty.: 24.0000 Each(s)/Unit Total : 24.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

24 NAS1515H3L

Washer

M103325 ✓

7/5/23 \$10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 07/05/24

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKID LH 206L1,L3,L4&407

Job Number: 31738

Part Number: D206642511

Job Number:



Seq. #:

Machine Or Operation:

Description :

35.0

NAS1515H4L

Inventory



Comment: Qty.: 24.0000 Each(s)/Unit Total: 24.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

24 NAS1515H4L

Washer

M101542 X

36.0

NAS1515H5

Washer



Comment: Qty.: 16.0000 Each(s)/Unit Total: 16.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

16 NAS1515H5

Washer

③ M18143 X M101925

37.0

NAS1515H5L

WASHER



Comment: Qty.: 8.0000 Each(s)/Unit Total: 8.0000 Each(s)

Pick:

Qty Part Number

Description

Batch

8 NAS1515H5L

Washer

M101925 X 7/15/23 SP

38.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

C207105124 @
P/B 7/15/24 @

39.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D206-642-511

Location: B

7/15/24 @

40.0

QC21

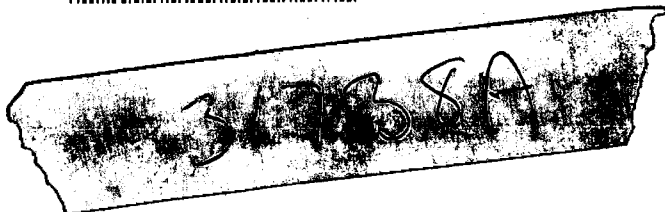
FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

7/15/24 @

Job Completion



7/15/24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.5 206L/L-1/L-3/L-4/407 High Gear Float Skidtubes (TRI-BAG COMPATIBLE)

Item	Qty -511	Qty -512	Qty -541	Qty -547	Qty -013	Part Number	Description
	X					D206-642-511	SKIDTUBE INSTALLATION, LH
		X				D206-642-512	SKIDTUBE INSTALLATION, RH
	1	1	X			D206-642-541	SKIDTUBE
				X		D206-642-547	WEARSHOE KIT (REPLACES -543 KIT)
	1	1			X	D206-648-013	GROUND HANDLING KIT
1			1			D3274-041	SKIDTUBE ASSEMBLY
3			1			D2646	* AFT CAP ⁽¹⁾
4			2			AN3C4A	* BOLT ⁽¹⁾
5A			2			AN960C10L	* WASHER ⁽¹⁾
5B			2			NAS1515H3L	* WASHER ⁽¹⁾
6	1					D2932-1	SADDLE, FWD OUT, LH
6		1				D2932-2	SADDLE, FWD OUT, RH
7	1					D2933-1	SADDLE, FWD IN, LH
7		1				D2933-2	SADDLE, FWD IN, RH
8	1					D2938-1	SADDLE, AFT OUT, LH
8		1				D2938-2	SADDLE, AFT OUT, RH
9	1					D2939-1	SADDLE, AFT IN, LH
9		1				D2939-2	SADDLE, AFT IN, RH
10	8	8				AN3C41A	BOLT
11	16	16				D2652	BUSHING
12A	8	8				MS21043-3	NUT
12B	16	16				NAS1515H5	WASHER
13	4	4				AN5C11A (or AN5C12A)	* BOLT ⁽²⁾
14	4	4				AN5C11A (or AN5C13A)	* BOLT ⁽²⁾
15A	8	8				AN960C516L	WASHER
15B	8	8				NAS1515H5L	WASHER
16	12	12				AN4C6A	BOLT
17A	24	24				NAS1515H4L	WASHER
17B	24	24				AN960C416L	WASHER
18	12	12				MS21043-4	NUT
20A			9	9		D3537-1	* WEARPAD ⁽¹⁾ (REPLACES D2648-3)
21A			1	1		D3537-3	* WEARPAD ⁽¹⁾ (REPLACES D3429-1)
22A			1	1		D3535-15	* WEARSHOE ⁽¹⁾ (REPLACES D2656-15)
22B			1	1		D3536-15	* GASKET ⁽¹⁾
23A			1	1		D3535-23	* WEARSHOE ⁽¹⁾ (REPLACES D2656-23)
23B			1	1		D3536-23	* GASKET ⁽¹⁾
24A			1	1		D3535-39	* WEARSHOE ⁽¹⁾ (REPLACES D3287-1)
24B			1	1		D3536-39	* GASKET ⁽¹⁾
25A			1	1		D3535-35	* WEARSHOE ⁽¹⁾ (REPLACES D2656-35)
25B			1	1		D3536-35	* GASKET ⁽¹⁾
26A			78	78		AN3C4A	* BOLT ⁽¹⁾
26B			78	78		AN960C10L	* WASHER ⁽¹⁾
26C			78			ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1				D3407-043	TOW RING
32A	1	1				D3456-1	WASHER
32B	2	2				D3457-1	WASHER
33	1	1				MS21043-4	NUT
34			1			AN4C5A	BOLT
35			1			AN960C416	WASHER
36			1			D3413-1	RING
37	10	10				D2712	SET SCREW
38	2	2				D2934	SADDLE SPACER
39	2	2				D2935	SADDLE SPACER

continued on next page...

SHOP COPY
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WITHOUT NOTICE
WORK ORDER
NO. 31738

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Revision: K

Date: 06.09.25

continued from previous page...

ITEM	QTY -511	QTY -512	QTY -541	QTY -547	QTY -013	PART NUMBER	DESCRIPTION
40					2	D3414-041	LUG ASSEMBLY (GHW)
41					4	AN3C37A	BOLT
42					8	D2652	BUSHING
43					4	MS21043-3	NUT
44					4	AN960C10	WASHER
50	9	9				AN3C36A	BOLT
51	3	3				AN3C35A	BOLT
52	24	24				AN960C10L	WASHER
53	24	24				NAS1515H3L	WASHER
54	12	12				MS21043-3	NUT
55	2	2				D3396-3	SPACER
56A	1	1				AN5C35A	BOLT
56B	1	1				AN5C15A	BOLT
60	2	2				AN5C32A	BOLT
61	2	2				AN5C34A	BOLT
62	4	4				MS21043-5	NUT

NOTES: (1) DENOTES THAT PART IS INCLUDED WITH D3274-041 ASSEMBLY ABOVE

(2) CHOICE OF BOLT WILL DEPEND ON CROSSTUBE (SEE INSTALLATION PROCEDURE)

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Revision: **K**

Date: 06.09.25

Date: Thursday, 4/12/2007 8:48:46 AM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : FLOAT SKIDTUBE ASSEMBLY
Job Number : 31738A	
Estimate Number : 10309	
P.O. Number : N/A	Part Number : D206642541
This Issue : 4/12/2007 S.O. No. : N/A	Drawing Number : D3274 REV D
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : LANDING GEAR	Drawing Revision : D
Previous Run : 31030	Material : N/A
Written By : <u>JA 07.04.12</u>	Due Date : 5/10/2007 Qty: 1 Um: Each
Checked & Approved By : <u>JA 07.04.12</u>	
Comment : Est Rev:B 05.09.23 Revised per D206-642 Rev. J KJ/JLM	
Est Rev:C 07-02-23 Added SS Wearplates & Gaskets JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPP D206-642-541 CHG003

N/A

2.0	D26001190	Extrusion Round 3" 206
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D2600-1-190 3" OD Tube

B24841 Pm 07-04-16 ①

3.0	LANDING GEAR 1	LANDING GEAR RESOURCE 1
-----	----------------	-------------------------



Comment: LANDING GEAR RESOURCE 1

1-Cut D2600-1 to 190.00" in length as per Dwg D3274 and Deburr ends Pm 07-04-16 ①

2-Drill #40 Aft cap pilot hole using DT8025 Pm 07-04-16 ①

3-Cleco DT8025 in position and install pilot hole drill Jig DT8742A,B,C,D: Drill 3/16" pilot holes as per Dwg D3274 Pm 07-04-16 ①

4-Remove inner indexing ridge on aft end of skidtube as per Dwg D3274 Pm 07-04-16 ①

5-Open aft end cap holes to Ø0.208" as per Dwg D3274. Deburr aft end. Pm 07-04-16 ①

W/O:		WORK ORDER CHANGES					
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description :

4.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid Etch and Alodine tube as per QSI 005 4.1

Pm 07-04-16 (C)

5.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

BE 07-04-16

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

BE 07-04-16

7.0

D3282041

I-Beam



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3282-041 Float Web

330292

Pm 07-04-17 (C)

8.0

LANDING GEAR 1

LANDING GEAR RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Open Ø0.313" crossbolt spacer holes using DT8743 as per Dwg D3274

Pm 07-04-17 (C)

2-Open Ø0.375" crossbolt spacer holes using DT8744 as per Dwg D3274

Pm 07-04-17 (C)

3-Deburr crossbolt spacer holes as per Dwg D3274 and blow out chips from inside the tube

Pm 07-04-17 (C)

4-Bond web in place as per Dwg D3274 & QSI 015.

A/R Sikaflex-291

M103497

Sikaflex expire date:

07-10-01

Start: *07-04-17*

Time: *9:00 am*

Finish: *7-4-25*

Time: *8:15 am*

(Adhere for 12 hours)

Pm 07-04-17 (C)

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

DP

7-4-25

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description:

10.0

LANDING GEAR 1

LANDING GEAR RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Bend tube using program D3274 as per Dwg D3274. Install drop pins in cross bolt spacer holes to maintain web position. *EL 7-4-25*

2-Cut Fwd end of tube to length as per Dwg D3274 *R 07-04-25*

3-Remove inner indexing ridge on Fwd end of skidtube as per Dwg D3274 *pm 07-05-04*

4- DRILL PILOT HOLES FOR WEARPLATES USING D3274-1T2 *pm 07-05-04*
OPEN HOLES TO .297"

5-DRILL TOE PIN HOLE .640" DIA AS PER DWG USING DT8935 FWD END OF TUBE *pm 07-05-04*
DEBURR INSIDE OF HOLE AS NECESSARY (DO NOT ENLARGE HOLES)
REMOVE ANY FOREIGN OBJECTS INSIDE OF TUBES

6- Countersink crossbolt spacer holes as per Dwg D3274 *pm 07-05-04*

11.0

D32851

Cap



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick:

Qty Part Number

Description Batch

1 D3285-1

Fwd Cap

B 21744

BE 07-05-08

12.0

D2649

Crossbolt Spacer



Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s)

Pick:

Qty Part Number

Description Batch

12 D2649

Crossbolt spacer

B 28250

BE 07-05-08

13.0

D32751

Crossbolt Spacer



Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s)

Pick:

Qty Part Number

Description Batch

12 D3275-1

Crossbolt spacer

B 21748

BE 07-05-08

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
070502	10.0	Add A QCS before welding - Perm. Change						
	10.1	QCS inspect work.	DA	07/05/22		070502	070502	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description:

14.0

LANDING GEAR 1

LANDING GEAR RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Weld Fwd Cap as per Dwg D3274 and QSI 004. Use aluminum rod.

A/R Aluminum Rod M 102421

BE 07-05-08

2-Insert D2649 & D3275-1 crossbolt spacers. Weld as per QSI 004 and Dwg D3274. Remember to back drill each hole before welding the other side. Use aluminum rod

A/R Aluminum Rod M 102421

BE 07-05-08

3-Grind welds flush to Fwd cap on top surface only.

BE 07-05-08

4-Grind cross bolt welds flush as per Dwg D3274. Masking Tape access to inside of the skidtube

Pr 07-05-08

5-Counterbore 5/16" x 0.750" deep as per Dwg D3274. Use DT8743 visual aid Jig and deburr.

Pr 07-05-08

15.0

QC5/9

WELD INSPECTION



Comment: Inspect weld and Counterbore. Inspect for foreign objects as per QSI 024

07/05/08

16.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

07-05-22

17.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

07/05/22

18.0

D3415041

Nut Plate



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D3415-041 Nut Plate B 0837

19.0

CCR264SS33

Cherry Rivet



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

07/05/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description:

2 CCR264SS3-3 Rivet

m14651

20.0

CR3212403

Cherry Rivet



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Pick:

Qty Part Number Description Batch

2 CR3212-4-03 Rivet

m15918

21.0

ALS71032130

Insert



Comment: Qty.: 78.0000 Each(s)/Unit Total: 78.0000 Each(s)

Insert

Batch: m102475

22.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

1-Install Nut Plate as per Dwg D3274. Apply LPS-3 to Nut Plate and rivets.

A/RN/ALPS-3 m104251 m104161

2-Install inserts as per Dwg D3274. Use a drop of Sikaflex inside insert holes a

A/R Sikaflex-291 m103561

Sikaflex expire date: 05/10

FL 07/05/22
①

23.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

Inspect Nut Plate & Inserts

20705-22 ①

24.0

AN3C4A

BOLT



Comment: Qty.: 80.0000 Each(s)/Unit Total: 80.0000 Each(s)

BOLT

Batch: m104322

FL 07/05/22 ①

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description :

25.0

D353515

WEARSHOE



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B31990

26.0

D353523

WEARSHOE



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B30760

27.0

D353535

WEARSHOE



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B31992

28.0

D353539

WEARSHOE



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B30752

29.0

D353615

GASKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: B31994

30.0

D353623

GASKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: B30754

31.0

D353635

GASKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: B31996

FX 07/05/22

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:43:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description :

32.0

D353639

GASKET



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: 030756

33.0

D35371

WEARPAD



Comment: Qty.: 9.0000 Each(s)/Unit Total : 9.0000 Each(s)

WEARPAD

Batch: 031998

34.0

D35373

WEARPAD



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARPAD

Batch: 031726

35.0

AN960C10L

washer



Comment: Qty.: 80.0000 Each(s)/Unit Total : 80.0000 Each(s)

Pick:

Qty Part Number

Description Batch

80 AN960C10L

Washer

0104215

36.0

NAS1515H3L

WASHER



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick:

Qty Part Number

Description Batch

2 NAS1515H3L

Washer

0103641

37.0

D34131

Ring



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description Batch

1 D3413-1

Ring

0329869

38.0

AN4C5A

BOLT



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description Batch

07/05/22 01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:46 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description :

1 AN4C5A

Bolt

m/89/8

39.0

AN960C416

WASHER



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description Batch

1 AN960C416

Washer

m100993
m100651

PTO

40.0

D2646

Aft Cap



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number

Description Batch

1 D2646

Aft Cap

B30119

FL 01/05/22 ①

41.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

2-Install wearpads & gaskets as per Dwg D3274.

3-Install ring as per Dwg D3274

A/R Sikaflex-291

m103561

Sikaflex expire date:

07/10

4-Inspect for foreign objects as per QSI 024

5-Spray inside of tube on both sides of web with LPS-3

A/R LPS-3

Batch:

m104161

6-Install Aft Cap and seal with Sikaflex. Clean excess adhesive.

A/R Sikaflex-291

m103561

Sikaflex expire date:

07/10

FL 01/05/22 ①

42.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

2005-230

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
07-05-23	390	AW960C416 washer required as per Dwg. Remove 416L washer for Qty 1; 416 washer. Permanent change	E	07-05-23		07-05-23	07-05-23

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 07/05/24
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:48:47 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: FLOAT SKIDTUBE ASSEMBLY

Job Number: 31738A

Part Number: D206642541

Job Number:



Seq. #:

Machine Or Operation:

Description :

43.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and stock

Location:

NA

PIP B 31738

Per 7/6/24 (1)

44.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

107105124 (1)

Job Completion



11 07105124

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN CP	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D3274	REV. D SHEET 1 OF 4
DATE 06.12.19		TITLE SKIDTUBE ASSEMBLY SCALE NTS	
A	04.03.15	NEW ISSUE	
B	04.08.09	MOVE SADDLE HOLE: 42.14 WAS 42.76	
C	05.03.16	ADD -043; NEW INSERTS	
D	06.12.19	NEW INSERTS, SS WEARSHOE + GASKET	

RELEASED**07.02.12** **[Signature]**

Qty -041	Qty -043	Part Number	Description
X		D3274-041	SKIDTUBE ASSEMBLY
	X	D3274-043	SKIDTUBE ASSEMBLY
1	1	D2600-1-240	EXTRUSION
1	1	D2646	AFT CAP
12	12	D2649	CROSS BOLT SPACER
12	37	D3275-1	CROSS BOLT SPACER
1	1	D3282-041	FLOAT WEB
1	1	D3285-1	CAP
1	1	D3413-1	RING
1	1	D3415-041	NUT PLATE
1	1	D3535-15	WEARSHOE
1	1	D3535-23	WEARSHOE
1	1	D3535-35	WEARSHOE
1	1	D3535-39	WEARSHOE
1	1	D3536-15	GASKET
1	1	D3536-23	GASKET
1	1	D3536-35	GASKET
1	1	D3536-39	GASKET
9	9	D3537-1	WEARPAD
1	1	D3537-3	WEARPAD
78	78	ALS7-1032-130	INSERT (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
80	80	AN3C4A	BOLT
1	1	AN4C5A	BOLT
1	1	AN960C416	WASHER
80	80	AN960C10L	WASHER
2	2	CCR264SS3-3	RIVET
2	2	CR3212-4-03	RIVET
2	2	NAS1515H3L	WASHER

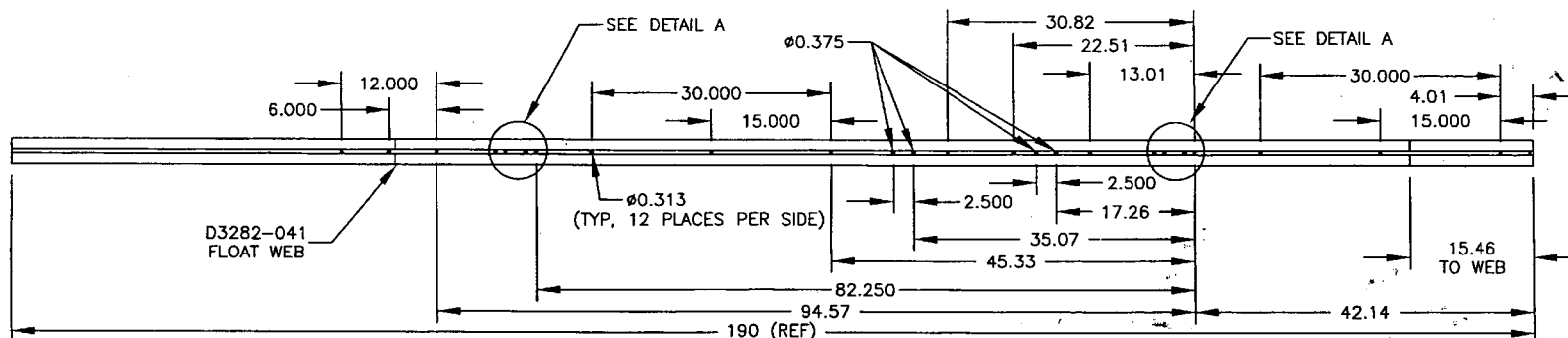
GENERAL NOTES:

1. TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
2. DAMAGE TOLERANCE ON FWD BEND:
THERE SHOULD BE NO VISIBLE WRINKLES IN THE BEND FROM THE GROUND TO A HEIGHT OF 7 INCHES ABOVE THE GROUND. IT IS ACCEPTABLE TO POLISH OUT GOUGES UP TO 0.020 DEEP IN THE BENT PORTION OF THE TUBE. A MAXIMUM REDUCTION IN DIAMETER OF 0.150" IS ACCEPTABLE IN THE BENT PORTION OF THE TUBE.
3. ALL HOLES DRILLED ON CENTERLINES.
4. BOND D3282-041 FLOAT WEB INTO D3274-1/-3 OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241/291. ADHESIVE PER DART QSI 015. ENSURE HOLES LINE-UP.
5. WELDING TO BE DONE PER DART QSI 004.
6. FINISH: - ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1
- POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3
7. DRILL Ø0.297 HOLES FOR ALS7-1032-130 INSERTS USING DT3274-1T2 BEFORE FINISH. INSTALL ALS7-1032-130 INSERTS AFTER FINISH. SEAL WEARSHOE BOLTS WITH SIKAFLEX -241/-291.
8. SPRAY INSIDE OF TUBE WITH A COAT OF LPS LABORATORIES "LPS-3" AFTER FINISH AND INSTALLATION OF INSERTS. COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF POWDER COATING WITH MEK DEGREASER.

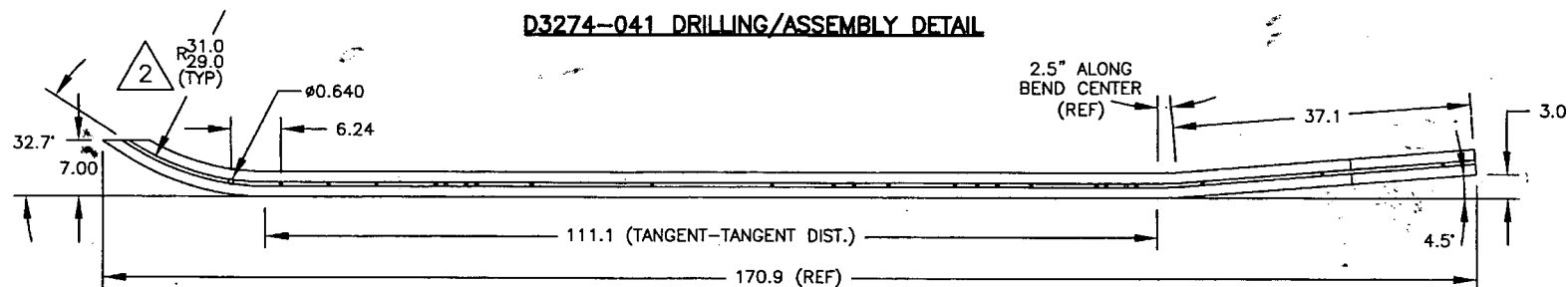
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ORDER NO. **31738** A

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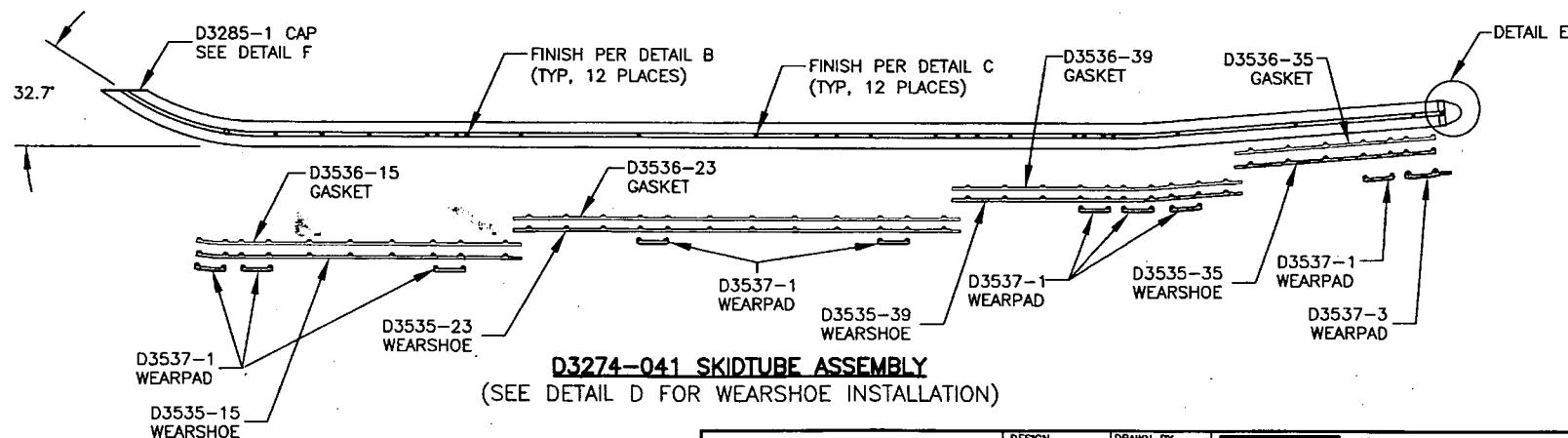
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D3274-041 DRILLING/ASSEMBLY DETAIL



D3274-041 BEND/DRILLING DETAIL



D3274-041 SKIDTUBE ASSEMBLY
(SEE DETAIL D FOR WEARSHOE INSTALLATION)

RELEASED

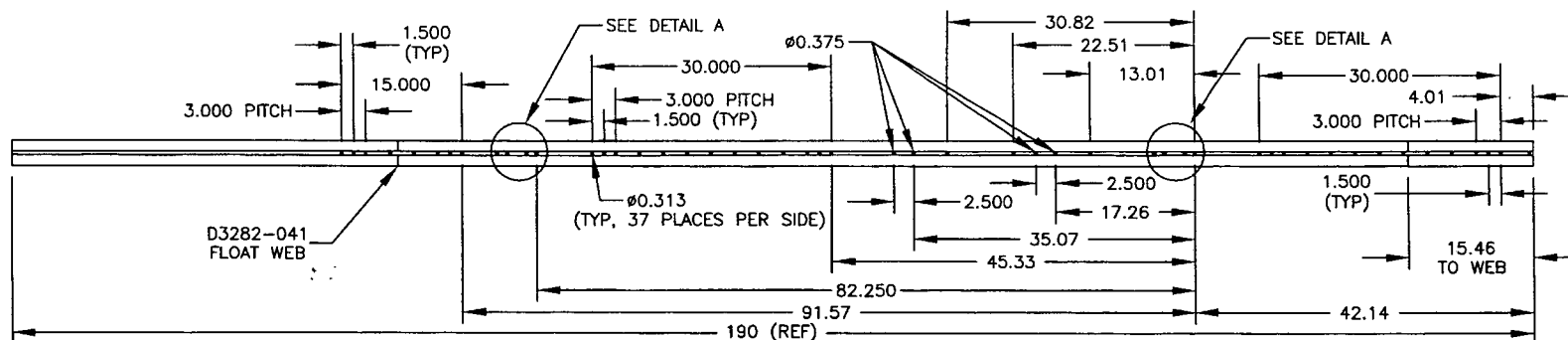
07.02.12

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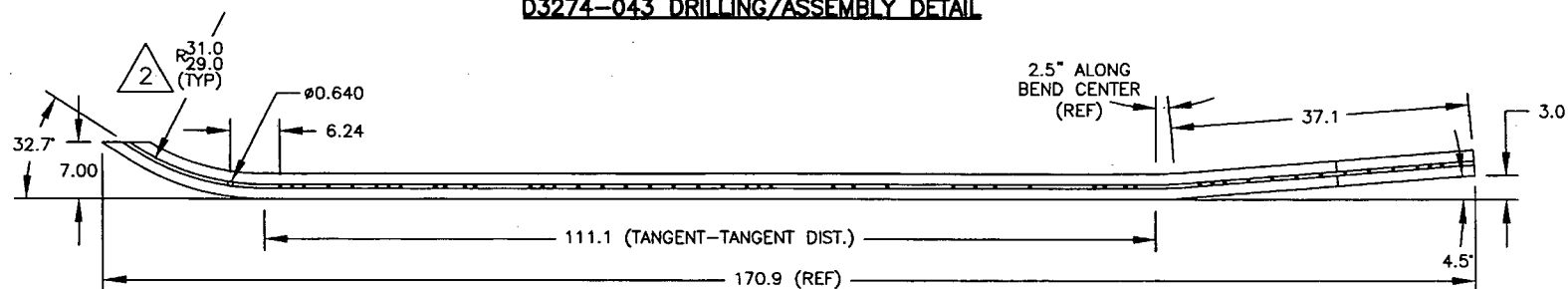
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DESIGN	CP	DRAWN BY	PH	DART DART AEROSPACE USA, INC.	REV. D
CHECKED	#	APPROVED	#	PORT HADLOCK, WA	SHEET 2 OF 4
DATE	06.12.19	DRAWING NO.	D3274	TITLE	SKIDTUBE ASSEMBLY
		SCALE			1:15

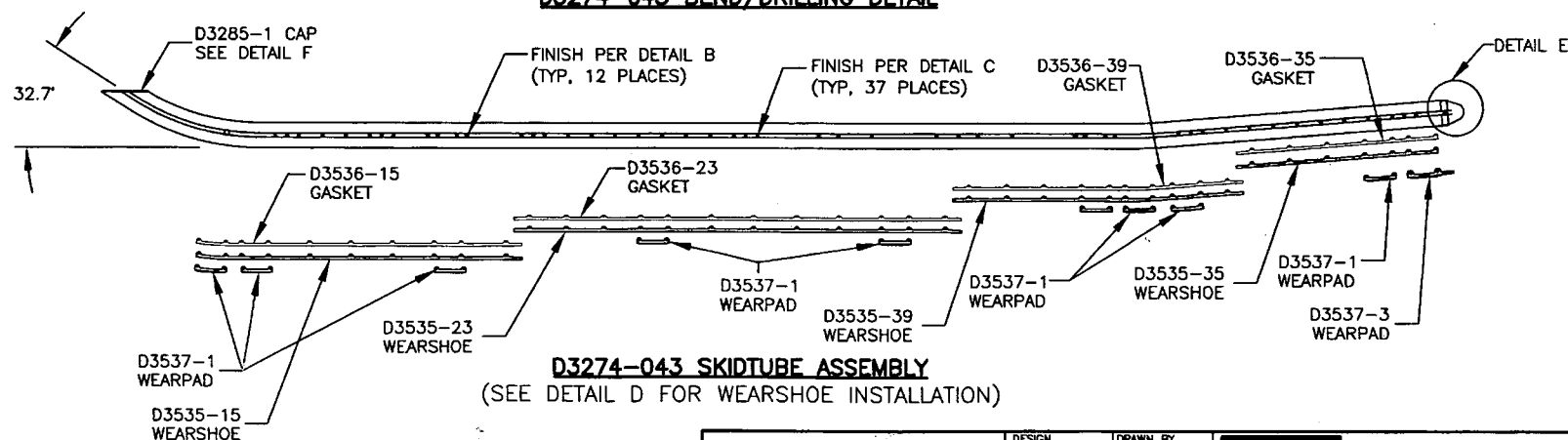
NO. 31938A
WORK ORDER
SUBJECT TO AMENDMENT
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D3274-043 DRILLING/ASSEMBLY DETAIL



D3274-043 BEND/DRILLING DETAIL



D3274-043 SKIDTUBE ASSEMBLY
(SEE DETAIL D FOR WEARSHOE INSTALLATION)

NO. 31738 A
WORK ORDER
WITHOUT NOTICE
UNCONTROLLED COPY
ENGINEERING
RETURN TO
SHOP COPY

RELEASED

07.02.12

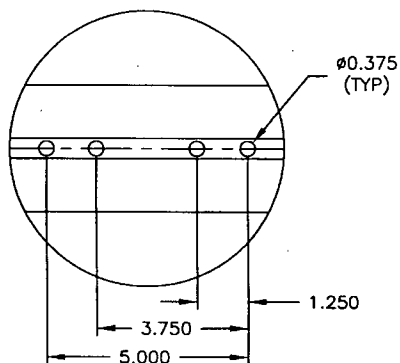
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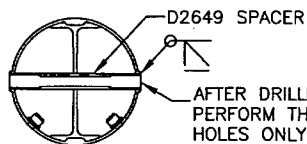
DESIGN	CP	DRAWN BY	PH	DART DART AEROSPACE USA, INC. PORT HADLOCK, MA	REV. D
CHECKED	#	APPROVED	#	DRAWING NO. D3274	SHEET 3 OF 4
DATE	06.12.19	TITLE	SKIDTUBE ASSEMBLY	SCALE	1:15

21
4/11/12

DETAIL A: DRILL DETAIL

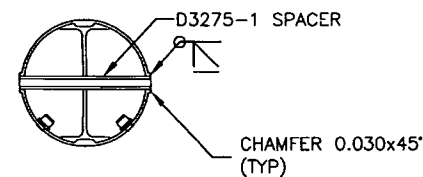


DETAIL B FOR 0.375 HOLES ONLY



- AFTER DRILLING AND BENDING ASSEMBLY
PERFORM THE FOLLOWING FOR 0.375
HOLES ONLY:
1. CHAMFER HOLE 0.030x45°
 2. INSERT D2649 SPACER
 3. WELD INTO PLACE AND GRIND FLUSH
 4. C'BORE TO 0.313x0.75 DEEP

DETAIL C FOR 0.313 HOLES ONLY

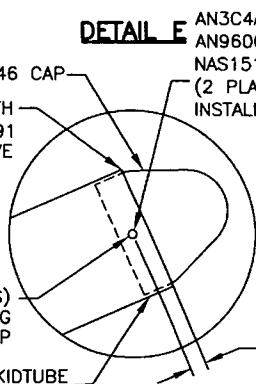


DETAIL D



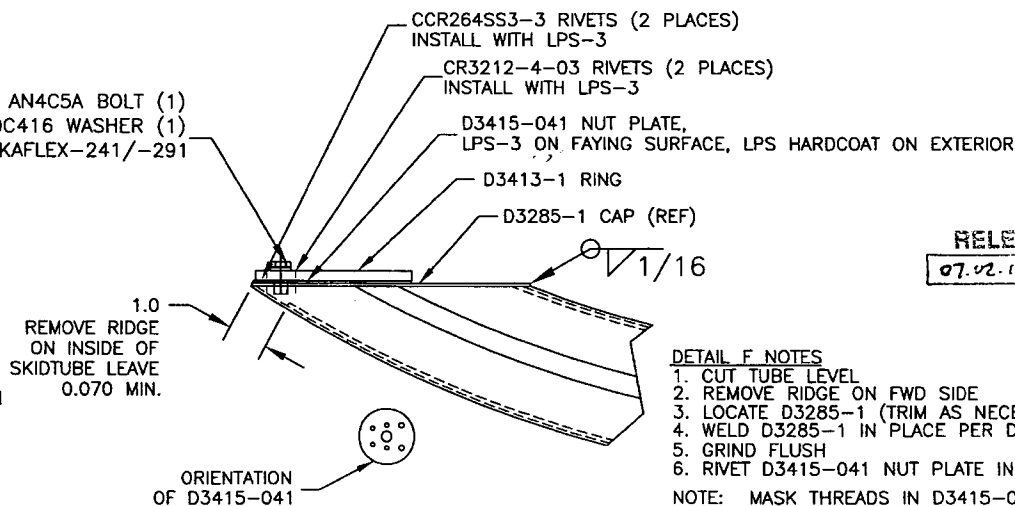
- ALS7-1032-130 INSERT (1)
AN3C4A BOLT (1)
AN960C10L WASHER (1)
(78 PLACES)
GASKET/WEARSHOE/WEARPAD (REF)

DETAIL E



- AN3C4A BOLT (1)
AN960C10L WASHER (1)
NAS1515H3L WASHER (1)
(2 PLACES)
INSTALL WITH SIKAFLEX-241/-291

DETAIL F: END FINISHING DETAIL



DETAIL F NOTES

1. CUT TUBE LEVEL
 2. REMOVE RIDGE ON FWD SIDE
 3. LOCATE D3285-1 (TRIM AS NECESSARY)
 4. WELD D3285-1 IN PLACE PER DART QSI 004
 5. GRIND FLUSH
 6. RIVET D3415-041 NUT PLATE IN PLACE
- NOTE: MASK THREADS IN D3415-041
PRIOR TO FINISH

RELEASED

07.02.12

NO. 31938 A
WORK ORDER
SUBJECT TO AGREEMENT
WITHOUT NOTICE
UNCONTROLLED COPY
ENGINEERING
SHOP COPY
RETURN TO
SEAL WITH
SIKAFLEX-241/291
ADHESIVE

0.208 (2 PLACES)
DRILL PRIOR TO INSTALLING
D2646 CAP

BORE OUT END OF SKIDTUBE
TO 0.75 DEPTH AND 0.070 WALL

0.400

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DATE		CHECKED	APPROVED	TITLE	SHEET 4 OF 4
06.12.19		#	#	SKIDTUBE ASSEMBLY	SCALE 1:3

NO. 106

AWS D17.1.2001
QUALIFICATION TEST RECORD

Name Barclay Elliott
Joint Welding Procedure Tig
Part number and Job number 206642241/B31880A

TEST WELDS REQUIRED

BASE METAL Alum WELDING PROCESS Tig
Penetration Complete ☐ Partial ☒ Single Weld ☒ Double Weld ☐
Current AC ☒ DC ☐ Backing YES ☐ NO ☒

	Position	Vertical	Down <input type="checkbox"/>	Up <input type="checkbox"/>
Sheet Groove	1G <input type="checkbox"/>	2G <input type="checkbox"/>	3G <input type="checkbox"/>	4G <input type="checkbox"/>
Tube Groove	1G <input type="checkbox"/>	2G <input type="checkbox"/>	5G <input type="checkbox"/>	6G <input type="checkbox"/>
Sheet Fillet	1F <input type="checkbox"/>	2F <input type="checkbox"/>	3F <input type="checkbox"/>	4F <input type="checkbox"/>
Tube Fillet	1F <input type="checkbox"/>	2F <input type="checkbox"/>	4F <input type="checkbox"/>	5F <input type="checkbox"/>

Crossbolt Spacer Welded into Skidtube

TEST RESULTS

Visual Pass ☒ Fail ☐
Penetration Pass ☒ Fail ☐
Crossbolt Spacer Pass ☒ Fail ☐

The above named individual is qualified in accordance with AWS D17.1 2001 to weld

Date of Test Coupon 07/04/27

Qualifier David Amal